

**IN THE CLAIMS:**

1. (Cancelled)
2. (New) A method for reproducing information recorded on a recording medium, comprising:
  - irradiating a laser beam on a track of the recording medium to generate a reproducing signal; and
  - executing an equalization processing for reducing an inter-symbol interference by continuously changing a gain of amplitude regulation circuit in accordance with the reproducing signal.
3. (New) A method for reproducing information according to Claim 2, wherein the smaller an absolute value of the reproducing signal, the greater the gain.
4. (New) A method for reproducing information according to Claim 2, wherein the large gain is used for a short mark, and the small gain is used for a long mark.
5. (New) A method for reproducing information according to Claim 2, wherein said gain is corresponding to an equalization coefficient.